Citizen Science Projects (MOOC) 3.12

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Video - 3.12 Visualising data

In this video, you saw many different examples of how the Citizen Observatories involved in WeObserve have used visualisations. These visualisations help to share the data collected back with citizens. Gerid Hager from International Institute for Applied Systems Analysis first spoke about LandSense and the data visualisations which were used on their pilot project websites. She also showed us visualisations from the [Natura Alert](https://natura-alert.net/) project. These maps track threats to bird life and natural habitats in Spain and Indonesia.

We saw how the [Scent Toolkit](https://scent-project.eu/scent-toolbox) has applications which visualise the data which is collected by citizens.

We also heard about other ways the GROW Observatory visualised data through its app and other platforms.

There is a unique project that has come from GROW. Using GROW data, artists Kasia Molga and Scanner created [By the Code of Soil](https://growobservatory.org/code-of-soil), which is an audiovisual sequence that you can view and participate in using an app. It creates an artistic interpretation of soil moisture, temperature and light data from a cluster of GROW sensors closest to you.

The artwork draws on data from soil moisture sensors installed in nine regions across Europe to generate unique, audio-visual manifestations that appear on participants' computers whenever the land-mapping satellite Sentinel-1A passes overhead.

This data artwork brings a new perspective to the GROW citizen observatory project and enables us to experience GROW's citizen-generated data in a novel way. Through spontaneous interruptions to daily life, By the Code of Soil connects audiences to these invisible processes and systems, inviting us to acknowledge and reflect on our relationship with soil and satellites.

##Share your thoughts!

What do you think of the interpretation of the data in By the Code of Soil?
Do you think it helps your understanding of the data?

Please share your thoughts below!